

ABSTRACT

The present invention relates to a fusion polypeptide which comprises a polypeptide having G-CSF activity and a polypeptide having TPO activity and DNA which codes for the fusion polypeptide, to a fusion polypeptide in which a polypeptide having G-CSF activity and a polypeptide having TPO activity are fused via a spacer peptide and DNA which codes for the fusion polypeptide and to a polypeptide in which the fusion polypeptide comprising a polypeptide having G-CSF activity and a polypeptide having TPO activity is chemically modified with a polyalkylene glycol derivative. It also relates to an anemia-treating composition containing the fusion polypeptide as an active ingredient.